# Mesa Verde National Park ARRA Program Brief

MEVE ARRA Program Update Brief Friday, July 24, 2009 Prepared by: Bill Nelligan

## Purpose

The document is meant to provide an update of the implementation of ARRA program projects at Mesa Verde National Park.

# Total ARRA Funding- \$ 24, 665,932 Deferred Maintenance (DM) Projects

- Replace failing waterline at Morefield Village and campground- \$ 292,000
   This project will replace a short segment of main water line and approximately a mile of lateral water lines that provides domestic water to Morefield Village and over 500 camp sites in the campground. Work is underway to replace the main water line segment that services the Morefield area.
- Install two photovoltaic systems at main water treatment plant- \$ 455,000

  This project will purchase and install two photovoltaic-net metering systems on the most energy demanding facility in park. One array will be placed on the roof and the other array on the grounds near the building. The local electrical provider (Empire Electric Association) will partner with power saving programs that will reduce power consumption. Projected energy production of the system is estimated to be 76KW.
- Replace inadequate electrical service at Navajo Loop- \$ 200,000
   This project will replace the inadequate overhead electric service with underground electric service that meets current and future electricity needs for Navajo Loop located in Morefield Campground.

#### **DM-Trails**

Modify trail to Spruce Tree site to meet ADA requirements-\$ 285,000
 This project will rehabilitate Spruce Tree House Trail, one of the most accessible and popular trails in the park.
 Retaining walls will be repaired, sharp curves will be corrected, and the surface will be refinished to comply with modern accessibility standards.

### Construction

• Replace waterline: Chapin Mesa to north park boundary - \$11,482,000

This project will replace approximately 5.4 miles of main water line between the Chapin Mesa water tanks to the park's northern boundary in the Montezuma Valley. This water line is essential component of the park's primary domestic water system that provides water for park operations and over 575,000 visitors annually.

## FLHP/Roads

• Rehabilitate Route 10 to Park Point and Resurface main entrance road - \$11,951,932

Ten miles of the main road into the park will be repaired and rebuilt from the park's entrance to Park

Point and the other ten miles of this road from Park Point to Chapin Mesa will be chip sealed. Included in
these projects is the construction of the new access road to the planned Mesa Verde Visitor and Research

Center. These projects are awarded and underway.